

CLAIMS

What is claimed is:

1. A system for determining attributes associated with a telecommunication network circuit, comprising:

a first computer in communication with a second computer, the second computer transmitting a query to the first computer for attributes associated with a telecommunication network circuit, the second computer transmitting to the first computer a telecommunication network circuit ID number;

a database in communication with the first computer, the database having the attributes associated with the telecommunication network circuit stored therein; and

a rules engine for determining the attributes associated with the telecommunication network circuit identified by the telecommunication network circuit ID number.

2. The system of claim 1, wherein the second computer is a client and the first computer is a server and the first and second computers are adapted to form a client-server network.

3. The system of claim 2, further comprising a legacy system in communication with the first computer.

4. The system of claim 3, further comprising a second database in communication with the legacy system.

5. The system of claim 4, wherein the second database comprises updated attributes associated with telecommunication network circuits.

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6. The system of claim 1, wherein the second computer is a CORBA client and the first computer is a CORBA servant and the first and second computers are adapted to form a CORBA based network.

7. The system of claim 6, further comprising a legacy system in communication with the first computer.

8. The system of claim 7, further comprising a second database in communication with the legacy system.

9. The system of claim 8, wherein the second database comprises updated attributes associated with telecommunication network circuits.

10. The system of claim 1, wherein the first computer includes a web server.

11. The system of claim 1, wherein the database is populated automatically by the first computer.

12. The system of claim 1, wherein the database contains a first look-up-table for storing circuit type rules associated with telecommunication network circuits.

13. The system of claim 12, wherein the first look-up-table includes portions selected from the group consisting of a rules portion, a circuit type portion and a circuit class portion.

14. The system of claim 1, wherein the database contains a second look-up-table for storing attributes associated with telecommunication network circuits.

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15. The system of claim 14, wherein the second look-up-table includes portions selected from the group consisting of a circuit type portion, a circuit attribute portion, a min value portion, a max value portion and a default value portion.

16. The system of claim 1, wherein the attributes are selected from the group consisting of network circuit capacity, speed escalation, expiration time, serialized, non-serialized, due date, ZLOC address and ALOC address.

17. A computer system, comprising:

a server including a software application for executing instructions associated with a software application that utilizes a telecommunication network circuit ID number for determining one or more attributes associated with a telecommunication network circuit;

a client including a second software application for interfacing with a user and transmitting the telecommunication network circuit ID number to the server; and

wherein, the server receives the circuit ID number from the second software application and determines various attributes associated with the network circuit based on the circuit ID number.

18. The system of claim 17, further comprising communicating the attributes back to the second software application that performed the query.

19. The system of claim 18, further comprising a rules based engine for determining the attributes associated with the telecommunication network circuit based on the network circuit ID number.

20. A system for determining attributes associated with a telecommunication network circuit, comprising:

means for transmitting a request for attributes associated with a telecommunication network circuit from a first computer to a second computer, the request including a telecommunication network circuit ID number; and

means for executing a set of rules by the second computer for determining the attributes associated with a telecommunication network circuit type identified by the telecommunication network circuit ID number.

21. A method for determining attributes associated with a telecommunication network circuit, comprising:

transmitting a request for attributes associated with a telecommunication network circuit from a first computer to a second computer, the request including a telecommunication network circuit ID number; and

executing a set of rules by the second computer for determining the attributes associated with a telecommunication network circuit type identified by the telecommunication network circuit ID number.

22. The method of claim 21, wherein transmitting a request includes transmitting a plurality of requests to the second computer from a plurality of first computers.

23. The method of claim 21, further comprising automatically updating the attributes.

24. The method of claim 21, further comprising storing an initial set of attributes in a database and updating the attributes on a periodic basis.

25. The method of claim 21, further comprising parsing a string in a look-up-table for determining a telecommunication network circuit type in accordance with the telecommunication network circuit ID number.

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26. The method according to claim 25, further comprising retrieving attributes from the look-up-table and providing the attributes to the first computer.

27. A method for determining attributes associated with a telecommunication network circuit, comprising:

providing a telecommunication network circuit ID number from a software application to an application server;

retrieving information associated with a telecommunication network circuit based on the telecommunication network circuit ID number from a database, the database being in communication with the application server;

processing the information according to a predetermined set of rules; and

returning the information to the software application.

28. The method of claim 27, further comprising storing the information in the database.

29. The method of claim 27, further comprising determining one or more attributes of a plurality of telecommunication network circuits from a central location.

30. The method of claim 27, wherein processing the information according to a predetermined set of rules includes processing the information according to a rules engine utilizing a look-up-table.

31. The method of claim 27, wherein processing the information according to a predetermined set of rules includes processing the information according to a rules engine utilizing a plurality of look-up-tables.

32. The method of claim 27, wherein updating the attributes associated with the telecommunication network circuits does not affect the software application.

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